

18. (Amended) A non-human [An] offspring obtained according to the method of claim 2, wherein the offspring has a genotype identical to a prior-existing differentiated cell, fetus or mammal, wherein said prior-existing cell, fetus or mammal was not created by nuclear transfer techniques.

19. (Amended) Non-human progeny of the offspring according to claim 18.

G1 20. (Amended) A non-human transgenic fetus obtained according to the method of claim 3, wherein the fetus has a genotype identical to a prior-existing differentiated cell, fetus or mammal, wherein said prior-existing cell, fetus or mammal was not created by nuclear transfer techniques.

21. (Amended) A non-human transgenic offspring obtained according to the method of claim 4, wherein the offspring has a genotype identical to a prior-existing differentiated cell, fetus or mammal, wherein said prior-existing cell, fetus or mammal was not created by nuclear transfer techniques.

22. (Amended) Non-human progeny of the offspring according to claim 21.

G2 25. (Amended) A non-human fetus obtained according to the method of claim 23, wherein the fetus has a genotype identical to

a prior-existing differentiated cell, fetus or mammal, wherein said prior-existing cell, fetus or mammal was not created by nuclear transfer techniques.

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26. (Amended) A non-human [An] offspring obtained according to the method of claim 24, wherein the offspring has a genotype identical to a prior-existing differentiated cell, fetus or mammal, wherein said prior-existing cell, fetus or mammal was not created by nuclear transfer techniques.

27. (Amended) Non-human progeny of the mammal according to claim 26.

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29. (Amended) A CICM cell line obtained according to the method of claim 28, wherein the cell line has a genotype identical to a prior-existing differentiated cell, fetus or mammal, wherein said prior-existing cell, fetus or mammal was not created by nuclear transfer techniques.

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31. (Amended) A transgenic CICM cell line obtained according to claim 30, wherein the cell line has a genotype identical to a prior-existing differentiated cell, fetus or mammal, wherein said prior-existing cell, fetus or mammal was not created by nuclear transfer techniques.

33. (Amended) Isolated, differentiated cells obtained by the method of claim 32, wherein said cells are not transformed.

qs 34. (Amended) Isolated, human differentiated cells obtained by the method of claim 32, wherein said cells are not transformed.

G ✓ 57. (Amended) A non-human chimeric embryo obtained according to claim 56, wherein the part of said embryo has a genotype identical to a prior-existing differentiated cell, fetus or mammal, wherein said prior-existing cell, fetus or mammal was not created by nuclear transfer techniques.

S7 59. (Amended) A non-human chimeric fetus obtained according to claim 58, wherein part of said fetus has a genotype identical to a prior-existing differentiated cell, fetus or mammal, wherein said prior-existing cell, fetus or mammal was not created by nuclear transfer techniques.

G ✓ 61. (Amended) A non-human chimeric offspring obtained according to claim 60, wherein part of said offspring has a genotype identical to a prior-existing differentiated cell, fetus or mammal, wherein said prior-existing cell, fetus or mammal was not created by nuclear transfer techniques.

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64. (Amended) A non-human chimeric embryo obtained according to claim 63, wherein part of said embryo has a genotype identical to a prior-existing differentiated cell, fetus or mammal, wherein said prior-existing cell, fetus or mammal was not created by nuclear transfer techniques.

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66. (Amended) A non-human chimeric fetus obtained according to claim 65, wherein part of said fetus has a genotype identical to a prior-existing differentiated cell, fetus or mammal, wherein said prior-existing cell, fetus or mammal was not created by nuclear transfer techniques.

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68. (Amended) A non-human chimeric offspring obtained according to claim 67, wherein part of said offspring has a genotype identical to a prior-existing differentiated cell, fetus or mammal, wherein said prior-existing cell, fetus or mammal was not created by nuclear transfer techniques.

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71. (Amended) A non-human fetus obtained according to the method of claim 69, wherein the fetus has a genotype identical to a prior-existing differentiated cell, fetus or mammal, wherein said prior-existing cell, fetus or mammal was not created by nuclear transfer techniques.

72. (Amended) A non-human offspring obtained according to the method of claim 70, wherein the offspring has a genotype

912 identical to a prior-existing differentiated cell, fetus or mammal, wherein said prior-existing cell, fetus or mammal was not created by nuclear transfer techniques.

Kindly add the following new claims 78 and 79:

78. (New) The differentiated cells of claim 33, wherein the method used to obtain the nuclear transfer unit was cell fusion.

913 79. (New) The differentiated cells of claim 34, wherein the method used to obtain the nuclear transfer unit was cell fusion.

REMARKS

Applicants respectfully request reconsideration of the subject application on the merits based on the amendments and remarks submitted herein. The amendments suggested above have been submitted partly in response to the Office Action dated December 30, 1997, and partly to clarify the nature of the invention.

To summarize, Claims 17-22, 25-27, 57, 59, 61, 64, 66, 68, 71 and 72 have been amended according to the Examiner's suggestion on page 2 of the Office Action to clarify that human embryos, fetuses, offspring and progeny are not included in the